

Image may be representation.
See specifications for product details.



10AS027H3F34I2LG

Manufacturer Part Number	10AS027H3F34I2LG
Manufacturer	Intel
Allelco Part Number	32D-10AS027H3F34I2LG
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A9 1.5GHZ 1152FBGA
Package	1152-BBGA, FCBGA
Data sheet	Arria 10 Device Datasheet.pdf Arria 10 Device Overview ~.pdf
RoHs Status	RoHS Compliant

Get a Quote

10AS027H3F34I2LG - Intel.New Original in Stock. Download Linear Technology 10AS027H3F34I2LG datasheet/specifications on AllelcoElec.com.
Request a quote for 10AS027H3F34I2LG, please send us email: info@allelco.com

Specifications

10AS027H3F34I2LG Tech Specifications
10AS027H3F34I2LG - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Package	Tray
Supplier Device Package	1152-FBGA, FC (35x35)	Operating Temperature	-40°C ~ 100°C (TJ)
Speed	1.5GHz	Number of I/O	384
Series	Arria 10 SX	Flash Size	-
RAM Size	256KB	Core Processor	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™
Primary Attributes	FPGA - 270K Logic Elements	Connectivity	EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Peripherals	DMA, POR, WDT	Architecture	MCU, FPGA
Package / Case	1152-BBGA, FCBGA		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 10AS027H3F34I2LG

Product Attribute				
Part Number	10AS027H3F34I2LG	10AS032H3F34I25G	10AS016E4F29E3SG	10AS016E4F29I3LG
Manufacturer	Intel	Intel	Intel	Intel
Connectivity	EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG	EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG	EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG	EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Speed	1.5GHz	1.5GHz	1.5GHz	1.5GHz
Series	Arria 10 SX	Arria 10 SX	Arria 10 SX	Arria 10 SX
Number of I/O	384	384	288	288
Package	Tray	Tray	Tray	Tray
Primary Attributes	FPGA - 270K Logic Elements	FPGA - 320K Logic Elements	FPGA - 160K Logic Elements	FPGA - 160K Logic Elements
Core Processor	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™
Supplier Device Package	1152-FBGA, FC (35x35)	1152-FBGA, FC (35x35)	780-FBGA, FC (29x29)	780-FBGA, FC (29x29)
Peripherals	DMA, POR, WDT	DMA, POR, WDT	DMA, POR, WDT	DMA, POR, WDT
Architecture	MCU, FPGA	MCU, FPGA	MCU, FPGA	MCU, FPGA
Flash Size	-	-	-	-
RAM Size	256KB	256KB	256KB	256KB
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Package / Case	1152-BBGA, FCBGA	1152-BBGA, FCBGA	780-BBGA, FCBGA	780-BBGA, FCBGA

10AS027H3F34I2LG Datasheet PDF

Download 10AS027H3F34I2LG pdf datasheets and Intel documentation for 10AS027H3F34I2LG - Intel.

Datasheets

[Arria 10 Device Datasheet.pdf](#)

[Arria 10 Device Overview ~.pdf](#)

PCN Design/Specification

[Arria/Cyclone 10 Software Chg 3/Jun/2021.pdf](#)

[Mult Dev Des/Errata Chgs 16/Aug/2022.pdf](#)

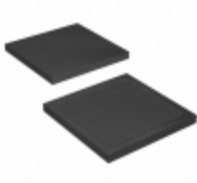

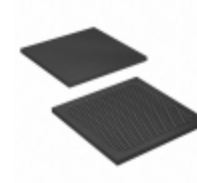
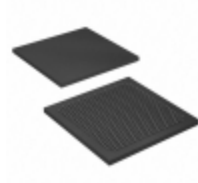
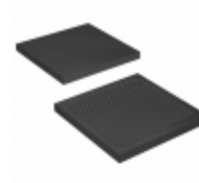
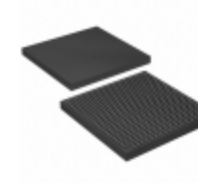
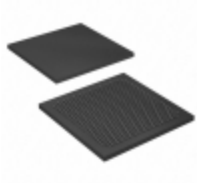
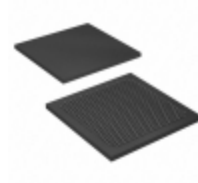
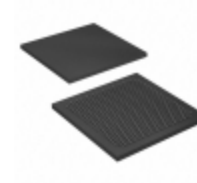

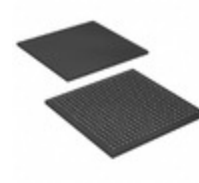
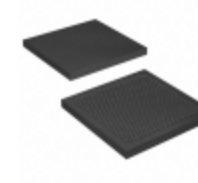
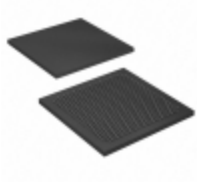
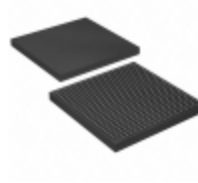
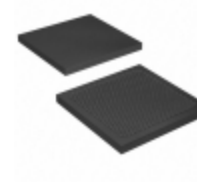

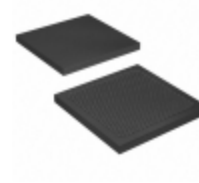
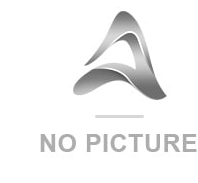
PCN Packaging

[Mult Dev Label CHG 24/Jan/2020.pdf](#)

[Mult Dev Label Chgs 24/Feb/2020.pdf](#)

Customers Also Interested in

Recommended Products

					
10AS032H3F34I2SG	10AX016E4F29E3SG	10AS016E4F29E3SG	10AS016E4F29I3LG	10AS066H3F34E2SG	10AS016E4F27E3SG
Intel IC SOC CORTEX-A9 1.5GHZ 1152FBGA	Intel IC FPGA 288 I/O 780FBGA	Intel IC SOC CORTEX-A9 1.5GHZ 780FBGA	Intel IC SOC CORTEX-A9 1.5GHZ 780FBGA	Intel IC SOC CORTEX-A9 1.5GHZ 1152FBGA	Intel IC SOC CORTEX-A9 1.5GHZ 672FBGA
					
10AS016E3F29I2SG	10AS027E3F29E2SG	10AS032E3F29I2SG	10AX016E4F27E3SG	10AX016C3U19E2SG	10AS048H3F34E2SG
Intel IC SOC CORTEX-A9 1.5GHZ 780FBGA	Intel IC SOC CORTEX-A9 1.5GHZ 780FBGA	Intel IC SOC CORTEX-A9 1.5GHZ 780FBGA	Intel IC FPGA 240 I/O 672FBGA	Intel IC FPGA 240 I/O 484UBGA	Intel IC SOC CORTEX-A9 1.5GHZ 1152FBGA
					
10AS016E3F29E2LG	10AX027E3F27I2SG	10AS066K3F35E2SG	10AC3S	10AS066H3F34I2LG	10AC5F
Intel IC SOC CORTEX-A9 1.5GHZ 780FBGA	Intel IC FPGA 240 I/O 672FBGA	Intel IC SOC CORTEX-A9 1.5GHZ 1152FBGA	NEC IGBT Module	Intel IC SOC CORTEX-A9 1.5GHZ 1152FBGA	NEC IGBT Module

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

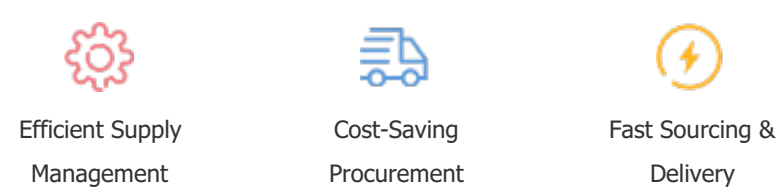
Contact us if you have any questions.

Payment Support

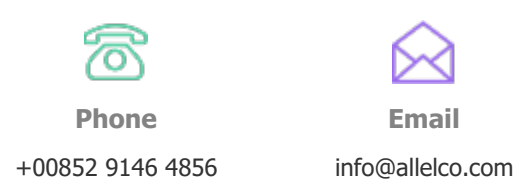
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



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Certifications & Memberships



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